

IN THE CLAIMS

1. (Previously Presented) A motor comprising:
a stator body;
a rotor body; and
at least one of said stator and said rotor bodies being formed of a generally solid core of a first material and having a plurality of circumferentially spaced portions of a second material at an outer peripheral surface of said solid core, said second material comprising a conductive material deposited into said plurality of circumferentially spaced portions wherein said second material is more conductive than said first material.
2. (Previously Presented) The motor as set forth in Claim 1, wherein said first material comprises a first plastic and said second material comprises a second plastic different than said first plastic.
3. (Previously Presented) The motor as set forth in Claim 2, wherein said first and said second plastics are co-extruded.
4. (Previously Presented) The motor as set forth in Claim 1, wherein said first material comprises a powder metal.
5. (Previously Presented) The motor as set forth in Claim 4, wherein said plurality of circumferentially spaced portions comprise a plurality of circumferentially spaced teeth having an insulating material formed at least around said plurality of circumferentially spaced teeth wherein said second material is deposited between said plurality of circumferentially spaced teeth over said insulating material.
6. (Previously Presented) The motor as set forth in Claim 1, wherein the motor is an AC powered motor.

7. (Previously Presented) A vehicle component drive assembly comprising:
a vehicle component movable between a plurality of operational positions relative to a fixed vehicle component;
an AC motor for driving said vehicle component; and
said AC motor including a rotor and a stator, with at least one of said rotor and said stator having a core body formed of a first material and a plurality of circumferentially spaced conductive areas formed of a second material that is more conductive than said first material.
8. (Previously Presented) The vehicle component drive assembly as set forth in Claim 7, wherein said first material comprises a first plastic and said second material comprises a second plastic different than said first plastic.
9. (Previously Presented) The vehicle component drive assembly as set forth in Claim 8, wherein said first and said second plastics are co-extruded.
10. (Previously Presented) The vehicle component drive assembly as set forth in Claim 7, wherein said first material comprises a powder metal.
11. (Previously Presented) The vehicle component drive assembly as set forth in Claim 10, wherein said plurality of circumferentially spaced conductive areas comprise a plurality of circumferentially spaced teeth having an insulating material formed at least around said plurality of circumferentially spaced teeth wherein said second material is deposited between said plurality of circumferentially spaced teeth over said insulating material.
- 12.-15. (Cancelled)
16. (Previously Presented) The motor as set forth in Claim 2, wherein said first plastic comprises a ferro plastic and said second plastic comprises nylon filled with a conductive metal.

17. (Previously Presented) The vehicle component drive assembly as set forth in Claim 8, wherein said first plastic comprises a ferro plastic and said second plastic comprises nylon filled with a conductive metal.

18. (Previously Presented) A vehicle component drive assembly comprising:
a vehicle component movable between a plurality of operational positions relative to a fixed vehicle component;

an AC motor having a motor output shaft operably coupled to said vehicle component to move said vehicle component between said plurality of operational positions, said AC motor including a stator and a rotor cooperating to drive said motor output shaft; and

wherein at least one of said stator and rotor comprises a generally solid core body portion formed of a first material and a plurality of circumferentially spaced conductive portions formed of a second material different than said first material wherein said second material has a greater conductivity than said first material.

19. (Previously Presented) The vehicle component drive assembly as set forth in claim 18, wherein said first material comprises a ferro plastic and said second material comprises nylon filled with a conductive metal.

20. (Previously Presented) The vehicle component drive assembly as set forth in claim 19, wherein said first and second materials are simultaneously formed together within a common co-extruder.

21. (Previously Presented) The vehicle component drive assembly as set forth in claim 18 including an insulating layer formed between said first and second materials.

22. (Previously Presented) The vehicle component drive assembly as set forth in claim 21, wherein said plurality of circumferentially spaced conductive portions comprises a plurality of circumferentially spaced teeth separated from each other by spatial areas and wherein said first material comprises a powder metal with said insulating layer being formed at least about said plurality of circumferentially spaced teeth and said second material comprises a conductive metal that at least partially fills said spatial areas.

23. (Previously Presented) The vehicle component drive assembly as set forth in claim 18 wherein both said rotor and said stator include said solid core body portion formed of said first material and said plurality of circumferentially spaced conductive portions formed of said second material.

24. (Previously Presented) The vehicle component drive assembly as set forth in claim 18 wherein said vehicle component comprises a closure member and said fixed vehicle component comprises a frame.

25. (Previously Presented) The vehicle component drive assembly as set forth in claim 24 wherein said motor output shaft is in direct driving engagement with a gear assembly that is operably coupled to said closure member.

26. (Previously Presented) The motor as set forth in Claim 1, wherein second material forms at least a portion of said outer peripheral surface of said solid core.

27. (Previously Presented) The motor as set forth in Claim 26, wherein said outer peripheral surface of said solid core directly faces an air gap formed between said stator and said rotor bodies.

28. (Previously Presented) The vehicle component drive assembly as set forth in Claim 7, wherein said core body includes an outer peripheral surface, said plurality of circumferentially spaced conductive areas being formed as part of said outer peripheral surface.

29. (Previously Presented) The vehicle component drive assembly as set forth in Claim 28, wherein said outer peripheral surface is formed as an outer circumference of said rotor.

30. (Previously Presented) The vehicle component drive assembly as set forth in Claim 18, wherein said solid core body portion includes an outer peripheral surface, said

plurality of circumferentially spaced conductive portions being formed as part of said outer peripheral surface.